

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Low temperature decomposing Ga - precursor
for MOVPE

'MO-III/V

BP: 69 °C/156 °F/5.3 mbar

'TTBGa-TRITERTIARYBUTYLGALLIUM

PRODUCT DATASHEET

'TTBGa-TRITERTIARYBUTYLGALLIUM

IDENTIFICATION

CAS-No:	55681-99-7
EINECS/ELINCS-No:	n.r.
Other name:	none

'MO-III/V

PHYSICAL PROPERTIES

Vapor Pressure:	~1.3 mbar @ 20 °C
Density:	n.a.
Molweight:	241.1 g/mol
Melting point:	n.a.
Boiling point (5.3 mbar):	69 °C / 156 °F

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	Pyrophoric

ADR/RID

ADR/RID-class:	4.2 [4.3]
UN-no:	3394

IMDG

IMDG -class:	4.2 [4.3]
UN-no:	3394

ICAO/IATA

ICAO/IATA-class:	4.2 [4.3]
UN-no:	3394

For further details please refer to Safety Data Sheet (SDS)

PACKAGING & STANDARD FILLING VOLUMES

TTBGa.100.DOCK/10.150	100g / 150ccm cyl.
TTBGa.400.DOCK/10.400	400g / 400ccm cyl.
TTBGa.1000.DOCK/10.1000	1000g / 1000ccm cyl.
TTBGa.3000.DOCK/10.3000	3000g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

Low Temperature decomposing Ga-Precursor for MOVPE

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PRODUCT DATASHEET

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